

# Incidental Appendectomy in the Elderly Rate

## Inpatient Quality Indicators #24 Technical Specifications

### Provider-Level Indicator

### Procedure Utilization Indicator

### AHRQ Quality Indicators, Version 4.3, August 2011

Version 4.3a is a maintenance release of Version 4.3. The differences between the two versions are:

- Version 4.3a includes Version 29 of the Limited License edition of the 3M™ APR-DRG Grouper. This grouper corrects an issue found in Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper. The grouper is only used with the Inpatient Quality Indicator (IQI) mortality measures. Version 4.3 includes Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper, which was incorrectly assigning a Risk of Mortality (ROM) subclass for cases dated on or after 10/1/10.
- Version 4.3a allows users to calculate area-level indicators for years 2010 and 2011, correcting an issue previously identified in Version 4.3.

All other aspects of the software, including measure specifications, remain the same. Thus this document (related to Version 4.3) remains unchanged.

## Numerator

Number of incidental appendectomies (procedures) among cases meeting the inclusion and exclusion rules for the denominator.

#### ICD-9-CM Incidental appendectomy procedure codes:

471	INCIDENTAL APPELDECTOMY (OCT96)	4719	OTH INCID APPEND (OCT96)
4711	LAPAROSCOP INCID APPEND (OCT96)		

## Denominator

All discharges, age 65 years and older, with ICD-9-CM codes\* for abdominal and pelvic surgery.

#### ICD-9-CM Abdominal and pelvic surgery procedure codes:

1711	LAPAROSCOPIC REPAIR OF DIRECT INGUINAL HERNIA WITH GRAFT OR PROSTHESIS (OCT08)	1723	LAPAROSCOPIC BILATERAL REPAIR OF INGUINAL HERNIA, ONE DIRECT AND ONE INDIRECT, WITH GRAFT OR PROSTHESIS (OCT08)
1712	LAPAROSCOPIC REPAIR OF INDIRECT INGUINAL HERNIA WITH GRAFT OR PROSTHESIS (OCT08)	1724	LAPAROSCOPIC BILATERAL REPAIR OF INGUINAL HERNIA WITH GRAFT OR PROSTHESIS, NOS (OCT08)
1713	LAPAROSCOPIC REPAIR OF INGUINAL HERNIA WITH GRAFT OR PROSTHESIS, NOS (OCT08)	412	SPLENOTOMY
1721	LAPAROSCOPIC BILATERAL REPAIR OF DIRECT INGUINAL HERNIA WITH GRAFT OR PROSTHESIS (OCT08)	4133	OPEN BIOPSY OF SPLEEN
1722	LAPAROSCOPIC BILATERAL REPAIR OF INDIRECT INGUINAL HERNIA WITH GRAFT OR PROSTHESIS (OCT08)	4141	MARSUPIALIZATION OF SPLENIC CYST
		4142	EXCISION OF LESION OR TISSUE OF SPLEEN
		4143	PARTIAL SPLENECTOMY
		415	TOTAL SPLENECTOMY
		4193	EXCISION OF ACCESSORY SPLEEN
		4194	TRANSPLANTATION OF SPLEEN

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4195	REPAIR AND PLASTIC OPERATIONS ON SPLEEN	4465	ESOPHAGOGASTROPLASTY
4199	OTHER OPERATIONS ON SPLEEN	4466	OTHER PROCEDURES FOR CREATION OF ESOPHAGOGASTRIC SPHINCTERIC COMPETENCE
4240	ESOPHAGECTOMY, NOS		
4241	PARTIAL ESOPHAGECTOMY	4467	LAPAROSCOPIC PROCEDURES FOR CREATION OF ESOPHAGOGASTRIC SPHINCTERIC COMPETENCE
4242	TOTAL ESOPHAGECTOMY		
4253	INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL	4468	LAPAROSCOPIC GASTROPLASTY
4254	OTHER INTRATHORACIC ESOPHAGOENTEROSTOMY	4469	OTHER REPAIR OF STOMACH
4255	INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON	4491	LIGATION OF GASTRIC VARICES
4256	OTHER INTRATHORACIC ESOPHAGOCOLOSTOMY	4492	INTRAOPERATIVE MANIPULATION OF STOMACH
4263	ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL	4495	LAPAROSCOPIC GASTRIC RESTRICTIVE PROCEDURE
4264	OTHER ANTESTERNAL ESOPHAGOENTEROSTOMY	4496	LAPAROSCOPIC REVISION OF GASTRIC RESTRICTIVE PROCEDURE
4265	ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON	4497	LAPAROSCOPIC REVISION OF GASTRIC RESTRICTIVE DEVICES
4266	OTHER ANTESTERNAL ESOPHAGOCOLOSTOMY	4499	GASTRIC OPERATION NEC (OCT04)
4291	LIGATION OF ESOPHAGEAL VARICES	4500	INCISION OF INTESTINE, NOS
430	GASTROTOMY	4501	INCISION OF DUODENUM
433	PYLOROMYOTOMY	4502	OTHER INCISION OF SMALL INTESTINE
4342	LOCAL EXCISION OF OTHER LESION OR TISSUE OF STOMACH	4503	INCISION OF LARGE INTESTINE
4349	OTHER DESTRUCTION OF LESION OR TISSUE OF STOMACH	4511	TRANSABDOMINAL ENDOSCOPY
435	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO ESOPHAGUS	4515	OPEN BIOPSY OF SMALL INTESTINE
436	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO DUODENUM	4521	TRANSABDOMINAL ENDOSCOPY OF LARGE INTESTINE
437	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO JEJUNUM	4526	OPEN BIOPSY OF LARGE INTESTINE
4381	PARTIAL GASTRECTOMY W/ JEJUNA TRANSPOSITION	4531	OTHER LOCAL EXCISION OF LESION OF DUODENUM
4389	OTHER PARTIAL GASTRECTOMY	4532	OTHER DESTRUCTION OF LESION OF DUODENUM
4391	TOTAL GASTRECTOMY W/ INTESTINAL INTERPOSITION	4533	LOCAL EXCISION OF LESION OR TISSUE OF SMALL INTESTINE, EXCEPT DUODENUM
4399	OTHER TOTAL GASTRECTOMY	4534	OTHER DESTRUCTION OF LESION OF SMALL INTESTINE, EXCEPT DUODENUM
4400	VAGOTOMY, NOS	4541	EXCISION OF LESION OR TISSUE OF LARGE INTESTINE
4401	TRUNCAL VAGOTOMY	4549	OTHER DESTRUCTION OF LESION OF LARGE INTESTINE
4402	HIGHLY SELECTIVE VAGOTOMY	4550	ISOLATION OF INTESTINAL SEGMENT, NOS
4403	OTHER SELECTIVE VAGOTOMY	4551	ISOLATION OF SEGMENT OF SMALL INTESTINE
4411	TRANSABDOMINAL GASTROSCOPY	4552	ISOLATION OF SEGMENT OF LARGE INTESTINE
4415	OPEN BIOPSY OF STOMACH	4561	MULTIPLE SEGMENTAL RESECTION OF SMALL INTESTINE
4421	DILATION OF PYLORUS BY INCISION	4562	OTHER PARTIAL RESECTION OF SMALL INTESTINE
4429	OTHER PYLOROPLASTY	4563	TOTAL REMOVAL OF SMALL INTESTINE
4431	HIGH GASTRIC BYPASS	458	TOTAL INTRA-ABDOMINAL COLECTOMY
4438	LAPAROSCOPIC GASTROENTEROSTOMY	4590	INTESTINAL ANASTOMOSIS, NOS
4439	OTHER GASTROENTEROSTOMY	4591	SMALL-TO-SMALL INTESTINAL ANASTOMOSIS
4440	SUTURE OF PEPTIC ULCER, NOS	4592	ANASTOMOSIS OF SMALL INTESTINE TO RECTAL STUMP
4441	SUTURE OF GASTRIC ULCER SITE	4593	OTHER SMALL-TO-LARGE INTESTINAL ANASTOMOSIS
4442	SUTURE OF DUODENAL ULCER SITE	4594	LARGE-TO-LARGE INTESTINAL ANASTOMOSIS
445	REVISION OF GASTRIC ANASTOMOSIS	4595	ANASTOMOSIS TO ANUS
4461	SUTURE OF LACERATION OF STOMACH		
4463	CLOSURE OF OTHER GASTRIC FISTULA		
4464	GASTROPEXY		

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4601	EXTERIORIZATION OF SMALL INTESTINE	4849	OTHER PULL-THROUGH RESECTION OF RECTUM
4603	EXTERIORIZATION OF LARGE INTESTINE		
4610	COLOSTOMY, NOS	485	ABDOMINOPERINEAL RESECTION OF RECTUM
4611	TEMPORARY COLOSTOMY		
4613	PERMANENT COLOSTOMY	4850	ABDOMINOPERINEAL RESECTION OF RECTUM, NOS (OCT08)
4614	DELAYED OPENING OF COLOSTOMY		
4620	ILEOSTOMY, NOS	4851	LAPAROSCOPIC ABDOMINOPERINEAL RESECTION OF RECTUM (OCT08)
4621	TEMPORARY ILESOSTOMY		
4622	CONTINENT ILEOSTOMY	4852	OPEN ABDOMINOPERINEAL RESECTION OF RECTUM (OCT08)
4623	OTHER PERMANENT ILEOSTOMY		
4640	REVISION OF INTESTINA STOMA, NOS	4859	OTHER ABDOMINOPERINEAL RESECTION OF RECTUM (OCT08)
4641	REVISION OF STOMA OF SMALL INTESTINE	4871	SUTURE OF LACERATION OF RECTUM
4642	REPAIR OF PERICOLOSTOMY HERNIA	4874	RECTORECTOSTOMY
4643	OTHER REVISION OF STOMA OF LARGE INTESTINE	4875	ABDOMINAL PROCTOPEXY
4650	CLOSURE OF INTESTINAL STOMA, NOT OTHERWISE SPECIFIED	500	HEPATOTOMY
4651	CLOSURE OF STOMA OF SMALL INTESTINE	5012	OPEN BIOPSY OF LIVER
4652	CLOSURE OF STOMA OF LARGE INTESTINE	5014	LAPAROSCOPIC LIVER BIOPSY
4660	FIXATION OF INTESTINE, NOS	5019	OTHER DIAGNOSTIC PROCEDURES ON LIVER
4661	FIXATION OF SMALL INTESTINE TO ABDOMINAL WALL	5021	MARSUPIALIZATION OF LESION OF LIVER
4662	OTHER FIXATION OF SMALL INTESTINE	5022	PARTIAL HEPATECTOMY
4663	FIXATION OF LARGE INTESTINE TO ABDOMINAL WALL	5023	OPN ABLTN LIVER LES/TISS (OCT06)
4664	OTHER FIXATION OF LARGE INTESTINE	5025	LAPAROSCOPIC ABLATION OF LIVER LESION OR TISSUE
4672	CLOSURE OF FISTULA OF DUODENUM	5026	ABLTN LIVER LES/TISS NEC (OCT06)
4673	SUTURE OF LACERATION OF SMALL INTESTINE, EXCEPT DUODENUM	5029	OTHER DESTRUCTION OF LESION OF LIVER
4674	CLOSURE OF FISTULA OF SMALL INTESTINE, EXCEPT DUODENUM	503	LOBECTOMY OF LIVER
4675	SUTURE OF LACERATION OF LARGE INTESTINE	504	TOTAL HEPATECTOMY
4676	CLOSURE OF FISTULA OF LARGE INTESTINE	5051	AUXILIARY LIVER TRANSPLANT
4679	OTHER REPAIR OF INTESTINE	5059	OTHER TRANSPLANT OF LIVER
4680	INTRA-ABDOMINAL MANIPULATION OF INTESTINE, NOS	5061	CLOSURE OF LACERATION OF LIVER
4681	INTRA-ABDOMINAL MANIPULATION OF SMALL INTESTINE	5069	OTHER REPAIR OF LIVER
4682	INTRA-ABDOMINAL MANIPULATION OF LARGE INTESTINE	5102	TROCAR CHOLECYSTOSTOMY
4691	MYOTOMY OF SIGMOID COLON	5103	OTHER CHOLECYSTOSTOMY
4692	MYOTOMY OF OTHER PARTS OF COLON	5104	OTHER CHOLECYSTOTOMY
4693	REVISION OF ANASTOMOSIS OF SMALL INTESTINE	5113	OPEN BIOPSY OF GALLBLADDER OR BILE DUCTS
4694	REVISION OF ANASTOMOSIS OF LARGE INTESTINE	5119	OTHER DIAGNOSTIC PROCEDURES ON BILIARY TRACT
4697	TRANSPLANT OF INTESTINE	5121	OTHER PARTIAL CHOLECYSTECTOMY
4699	OTHER OPERATIONS ON INTESTINES	5122	CHOLECYSTECTOMY
4821	TRANSABDOMINAL PROCTOSIGMOIDOSCOPY	5123	LAPAROSCOPIC CHOLECYSTECTOMY SE
4825	OPEN BIOPSY OF RECTUM	5124	LAPAROSCOPIC PARTIAL CHOLECYSTECTOMY
4840	PULL THROUGH RESECTION OF RECTUM, NOS (OCT08)	5131	ANASTOMOSIS OF GALLBLADDER TO HEPATIC DUCTS
4841	SUBMUCOSAL RESECTION OF RECTUM	5132	ANASTOMOSIS OF GALLBLADDER TO INTESTINE
4842	LAP PULL-THROUGH RESECTION OF RECTUM (OCT08)	5133	ANASTOMOSIS OF GALLBLADDER TO PANCREAS
4843	OPEN PULL-THROUGH RESECTION OF RECTUM (OCT08)	5134	ANASTOMOSIS OF GALLBLADDER TO STOMACH
		5135	OTHER GALLBLADDER ANASTOMOSIS
		5136	CHOLEDOCHOENTEROSTOMY
		5137	ANASTOMOSIS OF HEPATIC DUCT TO GASTROINTESTINAL TRACT
		5139	OTHER BILE DUCT ANASTOMOSIS
		5141	COMMON DUCT EXPLORATION FOR REMOVAL OF CALCULUS
		5142	COMMON DUCT EXPLORATION FOR RELIEF OF OTHER OBSTRUCTION

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5143	INSERTION OF CHOLEDOCHOHEPATIC TUBE FOR DECOMPRESSION	5305	REPAIR OF INGUINAL HERNIA W/ GRAFT OR PROSTHESIS, NOS
5149	INCISION OF OTHER BILE DUCTS FOR RELIEF OF OBSTRUCTION	5310	BILATERAL REPAIR OF INGUINAL HERNIA, NOS
5151	EXPLORATION OF COMMON DUCT	5311	BILATERAL REPAIR OF DIRECT INGUINAL HERNIA
5159	INCISION OF OTHER BILE DUCT	5312	BILATERAL REPAIR OF INDIRECT INGUINAL HERNIA
5161	EXCISION OF CYSTIC DUCT REMNANT	5313	BILATERAL REPAIR OF INGUINAL HERNIA, ONE DIRECT AND ONE INDIRECT
5162	EXCISION OF AMPULLA OF VATER (WITH REIMPLANTATION OF COMMON DUCT)	5314	BILATERAL REPAIR OF DIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
5163	OTHER EXCISION OF COMMON DUCT	5315	BILATERAL REPAIR OF INDIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
5169	EXCISION OF OTHER BILE DUCT	5316	BILATERAL REPAIR OF INGUIN HERNIA, 1 DIRECT 1 INDIRECT, W/ GRAFT OR PROS
5171	SIMPLE SUTURE OF COMMON BILE DUCT	5317	BILATERAL INGUINAL HERNIA REPAIR W/ GRAFT OR PROSTHESIS, NOS
5172	CHOLEDOCHOPLASTY	5321	UNILATERAL REPAIR OF FEMORAL HERNIA
5179	REPAIR OF OTHER BILE DUCTS	5329	OTHER UNILATERAL FEMORAL HERNIORRHAPHY
5181	DILATION OF SPHINCTER OF ODDI	5331	BILATERAL REPAIR OF FEMORAL HERNIA W/ GRAFT OR PROSTHESIS
5182	PANCREATIC SPHINCTEROTOMY	5339	OTHER BILATERAL FEMORAL HERNIORRHAPHY
5183	PANCREATIC SPHINCTEROPLASTY	5341	REPAIR OF UMBILICAL HERNIA W/ PROSTHESIS
5189	OTHER OPERATIONS ON SPHINCTER OF ODDI	5342	LAPAROSCOPIC REPAIR OF UMBILICAL HERNIA WITH GRAFT OR PROSTHESIS (OCT08)
5191	REPAIR OF LACERATION OF GALLBLADDER	5343	OTHER LAPAROSCOPIC UMBILICAL HERNIORRHAPHY (OCT08)
5192	CLOSURE OF CHOLECYSTOSTOMY	5349	OTHER UMBILICAL HERNIORRHAPHY
5193	CLOSURE OF OTHER BILIARY FISTULA	5351	INCISIONAL HERNIA REPAIR
5194	REVISION OF ANASTOMOSIS OF BILIARY TRACT	5359	REPAIR OF OTHER HERNIA OF ANTERIOR ABDOMINAL WALL
5195	REMOVAL OF PROSTHETIC DEVICE FROM BILE DUCT	5361	INCISIONAL HERNIA REPAIR W/ PROSTHESIS
5199	OTHER OPERATIONS ON BILIARY TRACT	5362	LAPAROSCOPIC INCISIONAL HERNIA REPAIR WITH GRAFT OR PROSTHESIS (OCT08)
5201	DRAINAGE OF PANCREATIC CYST BY CATHETER	5363	OTHER LAPAROSCOPIC REPAIR OF OTHER HERNIA OF ANTERIOR ABDOMINAL WALL WITH GRAFT OR PROSTHESIS (OCT08)
5209	OTHER PANCREATOTOMY	5369	REPAIR OF OTHER HERNIA OF ANTERIOR ABDOMINAL WALL W/ PROSTHESIS
5212	OPEN BIOPSY OF PANCREAS	537	REPAIR OF DIAPHRAGMATIC HERNIA, ABDOMINAL APPROACH
5219	OTHER DIAGNOSTIC PROCEDURES ON PANCREAS	5371	LAP REPAIR OF DIAPHRAGMATIC HERNIA, ABDOMINAL APPROACH (OCT08)
5222	OTHER EXCISION OR DESTRUCT OF LESION OR TISSUE OF PANCREAS OR PANC DUCT	5372	OTHER AND OPEN REPAIR OF DIAPHRAGMATIC HERNIA, ABDOMINAL APPROACH (OCT08)
523	MARSUPIALIZATION OF PANCREATIC CYST	5375	REPAIR OF DIAPHRAGMATIC HERNIA, ABDOMINAL APPROACH, NOS (OCT08)
524	INTERNAL DRAINAGE OF PANCREATIC CYST	540	INCISION OF ABDOMINAL WALL
5251	PROXIMAL PANCREATECTOMY	5411	EXPLORATORY LAPAROTOMY
5252	DISTAL PANCREATECTOMY	5412	REOPENING OF RECENT LAPAROTOMY SITE
5253	RADICAL SUBTOTAL PANCREATECTOMY	5419	OTHER LAPAROTOMY
5259	OTHER PARTIAL PANCREATECTOMY		
526	TOTAL PANCREATECTOMY		
527	RADICAL PANCREATODUODENECTOMY		
5280	PANCREATIC TRANSPLANT, NOS		
5281	REIMPLANTATION		
5282	HOMOTRANSPLANT OF PANCREAS		
5283	HETEROTRANSPLANT OF PANCREAS		
5292	CANNULATION OF PANCREATIC DUCT		
5295	OTHER REPAIR OF PANCREAS		
5296	ANASTOMOSIS OF PANCREAS		
5299	OTHER OPERATIONS ON PANCREAS		
5300	UNILATERAL REPAIR OF INGUINAL HERNIA, NOS		
5301	REPAIR OF DIRECT INGUINAL HERNIA		
5302	REPAIR OF INDIRECT INGUINAL HERNIA		
5303	REPAIR OF DIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS		
5304	REPAIR OF INDIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS		

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5421	LAPAROSCOPY	6541	LAPAROSCOPIC UNILATERAL SALPINGO-OOPHORECTOMY
5422	BIOPSY OF ABDOMINAL WALL OR UMBILICUS	6549	OTHER UNILATERAL SALPINGOOPHORECTOMY
5423	BIOPSY OF ABDOMINAL WALL OR UMBILICUS	6551	OTHER REMOVAL OF BOTH OVARIES AT SAME OPERATIVE EPISODE
5429	OTHER DIAGNOSTIC PROCEDURES ON ABDOMINAL REGION	6552	OTHER REMOVAL OF REMAINING OVARY
543	EXCISION OR DESTRUCTION OF LESION OR TISSUE OF ABDOMINAL WALL OR UMBILICUS	6553	LAPAROSCOPIC REMOVAL OF BOTH OVARIES AT SAME OPERATIVE EPISODE
544	EXCISION OR DESTRUCTION OF PERITONEAL TISSUE	6554	LAPAROSCOPIC REMOVAL OF REMAINING OVARY
5451	LAPAROSCOPIC LYSIS OF PERITONEAL ADHESIONS	6561	OTHER REMOVAL OF BOTH OVARIES AND TUBES AT SAME OPERATIVE EPISODE
5459	OTHER LYSIS OF PERITONEAL ADHESIONS	6562	OTHER REMOVAL OF REMAINING OVARY AND TUBE
5461	RECLOSURE OF POSTOPERATIVE DISRUPTION OF ABDOMINAL WALL	6563	LAPAROSCOPIC REMOVAL OF BOTH OVARIES AND TUBES AT SAME OPERATIVE EPISODE
5462	DELAYED CLOSURE OF GRANULATING ABDOMINAL WOUND	6564	LAPAROSCOPIC REMOVAL OF REMAINING OVARY AND TUBE
5463	OTHER SUTURE OF ABDOMINAL WALL	6571	OTHER SIMPLE SUTURE OF OVARY
5464	SUTURE OF PERITONEUM	6572	OTHER REIMPLANTATION OF OVARY
5471	REPAIR OF GASTROSCHISIS	6573	OTHER SALPINGO OOPHOROPLASTY
5472	OTHER REPAIR OF ABDOMINAL WALLS	6574	LAPAROSCOPIC SIMPLE SUTURE OF OVARY
5473	OTHER REPAIR OF PERITONEUM	6575	LAPAROSCOPIC REIMPLANTATION OF OVARY
5474	OTHER REPAIR OF OMENTUM	6576	LAPAROSCOPIC SALPINGO-OOPHOROPLASTY
5475	OTHER REPAIR OF MESENTERY	6579	OTHER REPAIR OF OVARY
5492	REMOVAL OF FOREIGN BODY FROM PERITONEAL CAVITY	6581	LAPAROSCOPIC LYSIS OF ADHESIONS OF OVARY AND FALLOPIAN TUBE
5493	CREATION OF CUTANEOPERITONEAL FISTULA	6589	OTHER LYSIS OF ADHESIONS OF OVARY AND FALLOPIAN TUBE
5494	CREATION OF PERITONEOVASCULAR SHUNT	6592	TRANSPLANTATION OF OVARY
5495	INCISION OF PERITONEUM	6593	MANUAL RUPTURE OF OVARIAN CYST
5651	FORMATION OF CUTANEOUS URETERO-ILEOSTOMY	6594	OVARIAN DENERVATION
5652	REVISION OF CUTANEOUS URETERO-ILEOSTOMY	6595	RELEASE OF TORSION OF OVARY
5661	FORMATION OF OTHER CUTANEOUS URETEROSTOMY	6599	OTHER OPERATIONS ON OVARY
5662	REVISION OF OTHER CUTANEOUS URETEROSTOMY	6601	SALPINGOTOMY
5671	URINARY DIVERSION TO INTESTINE	6602	SALPINGOSTOMY
5672	REVISION OF URETEROINTESTINAL ANASTOMOSIS	6611	BIOPSY OF FALLOPIAN TUBE
5900	RETROPERITONEAL DISSECTION, NOS	6619	OTHER DIAGNOSTIC PROCEDURES ON FALLOPIAN TUBES
6501	LAPAROSCOPIC OOPHOROTOMY	6631	OTHER BILATERAL LIGATION AND CRUSHING OF FALLOPIAN TUBES
6509	OTHER OOPHORECTOMY	6632	OTHER BILATERAL LIGATION AND DIVISION OF FALLOPIAN TUBES
6512	OTHER BIOPSY OF OVARY	6639	OTHER BILATERAL DESTRUCTION OR OCCLUSION OF FALLOPIAN TUBES
6521	MARSUPIALIZATION OF OVARIAN CYST	664	TOTAL UNILATERAL SALPINGECTOMY
6522	WEDGE RESECTION OF OVARY	6651	REMOVAL OF BOTH FALLOPIAN TUBES AT SAME OPERATIVE EPISODE
6523	LAPAROSCOPIC MARSUPIALIZATION OF OVARIAN CYST	6652	REMOVAL OF REMAINING FALLOPIAN TUBE
6524	LAPAROSCOPIC WEDGE RESECTION OF OVARY	6661	EXCISION OR DESTRUCTION OF LESION OF FALLOPIAN TUBE
6525	OTHER LAPAROSCOPIC LOCAL EXCISION OR DESTRUCTION OF OVARY	6662	SALPINGECTOMY W/ REMOVAL OF TUBAL PREGNANCY
6529	OTHER LOCAL EXCISION OR DESTRUCTION OF OVARY	6663	BILATERAL PARTIAL SALPINGECTOMY, NOS
6531	LAPAROSCOPIC UNILATERAL OOPHORECTOMY	6669	OTHER PARTIAL SALPINGECTOMY
6539	OTHER UNILATERAL OOPHORECTOMY	6671	SIMPLE SUTURE OF FALLOPIAN TUBE

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6672	SALPINGO-OOPHOROSTOMY	6839	OTHER SUBTOTAL ABDOMINAL HYSTERECTOMY
6673	SALPINGO-SALPINGOSTOMY	684	TOTAL ABDOMINAL HYSTERECTOMY
6674	SALPINGO-UTEROSTOMY	6841	LAP TOTAL ABDOMINAL HYST (OCT06)
6679	OTHER REPAIR OF FALLOPIAN TUBE	6849	TOTAL ABD HYST NEC/NOS (OCT06)
6692	UNILATERAL DESTRUCTION OR OCCLUSION OF FALLOPIAN TUBE	686	RADICAL ABDOMINAL HYSTERECTOMY
6693	IMPLANTATION OR REPLACEMENT OF PROSTHESIS OF FALLOPIAN TUBE	6861	LAP RADICAL ABDOMNL HYST (OCT06)
6694	REMOVAL OF PROSTHESIS OF FALLOPIAN TUBE	6869	RADICAL ABD HYST NEC/NOS (OCT06)
6696	DILATION OF FALLOPIAN TUBE	688	PELVIC EVISCERATION
6697	BURYING OF FIMBRIAE IN UTERINE WALL	689	OTHER AND UNSPECIFIED HYSTERECTOMY
6699	OTHER OPERATION OF FALLOPIAN TUBE	6919	OTHER EXCISION OR DESTRUCTION OF UTERUS AND SUPPORTING STRUCTURES
680	OTHER INCISION AND EXCISION OF UTERUS	6921	INTERPOSITION OPERATION
6813	OPEN BIOPSY OF UTERUS	6922	OTHER UTERINE SUSPENSION
6814	OPEN BIOPSY OF UTERINE LIGAMENTS	6923	VAGINAL REPAIR OF CHRONIC INVERSION OF UTERUS
6819	OTHER DIAGNOSTIC PROCEDURES ON UTERUS AND SUPPORTING STRUCTURES	6929	OTHER REPAIR OF UTERUS AND SUPPORTING STRUCTURES
6823	ENDOMETRIAL ABLATION	693	PARACERVICAL UTERINE DENERVATION
6829	OTHER EXCISION OR DESTRUCTION OF LESION OF UTERUS	6941	SUTURE OF LACERATION OF UTERUS
683	SUBTOTAL ABDOMINAL HYSTERECTOMY	6942	CLOSURE OF FISTULA OF UTERUS
6831	LAPAROSCOPIC SUPRACERVICAL HYSTERECTOMY [LSH]	6949	OTHER REPAIR OF UTERUS
		6998	OTHER OPERATIONS ON SUPPORTING STRUCTURES OF UTERUS

\* Replaces list of DRGs used in previous versions.

**Exclude cases:**

- with any code for surgical removal of the colon (colectomy) or pelvic evisceration
- with any diagnosis of cancer involving or adjacent to the appendix
- MDC 14 (pregnancy, childbirth, and puerperium)
- with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

**ICD-9-CM Surgical removal of the colon (colectomy) or pelvic evisceration procedure codes:**

1731	LAPAROSCOPIC MULTIPLE SEGMENTAL RESECTION OF LARGE INTESTINE	4572	OPEN CECECTOMY NEC
1732	LAPAROSCOPIC CECECTOMY	4573	OPN RT HEMICOLECTOMY NEC
1733	LAPAROSCOPIC RIGHT HEMICOLECTOMY	4574	OPN TRANSV COLON RES NEC
1734	LAPAROSCOPIC RESECTION OF TRANSVERSE COLON	4575	OPN LFT HEMICOLECTMY NEC
1735	LAPAROSCOPIC LEFT HEMICOLECTOMY	4576	OPEN SIGMOIDECTOMY NEC
1736	LAPAROSCOPIC SIGMOIDECTOMY	4579	PRT LG INTES EXC NEC/NOS
1739	OTHER LAPAROSCOPIC PARTIAL EXCISION OF LARGE INTESTINE	458	TOT ABD COLECTMY
4571	OPN MUL SEG LG INTES NEC	4581	LAP TOT INTR-AB COLECTMY
		4582	OP TOT INTR-ABD COLECTMY
		4583	TOT ABD COLECTMY NEC/NOS
		688	PELVIC EVISCERATION

**ICD-9-CM Cancer involving or adjacent to the appendix diagnosis codes:**

1534	MALIGNANT NEOPLASM OF COLON, CECUM	1588	MALIGNANT NEOPLASM OF RETROPERITONEUM AND PERITONEUM, SPECIFIED PARTS OF PERITONEUM
1535	MALIGNANT NEOPLASM OF COLON, APPENDIX	1589	MALIGNANT NEOPLASM OF RETROPERITONEUM AND PERITONEUM, PERITONEUM, UNSPECIFIED
1536	MALIGNANT NEOPLASM OF COLON, ASCENDING COLON	1590	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM, INTESTINAL TRACT, PART UNSPECIFIED
1538	MALIGNANT NEOPLASM OF COLON, OTHER SPECIFIED SITES OF LARGE INTESTINE		
1539	MALIGNANT NEOPLASM OF COLON, NOS		

**AHRQ QI, Inpatient Quality Indicators #24, Technical Specifications,  
Incidental Appendectomy in the Elderly Rate  
[www.qualityindicators.ahrq.gov](http://www.qualityindicators.ahrq.gov)**

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1598	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM, OTHER SITES OF DIGESTIVE SYSTEM AND INTRA-ABDOMINAL ORGANS	1975	SECONDARY MALIGNANT NEOPLASM OF RESPIRATORY AND DIGESTIVE SYSTEMS, LARGE INTESTINE AND RECTUM
1599	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM, ILL-DEFINED	1976	SECONDARY MALIGNANT NEOPLASM OF RESPIRATORY AND DIGESTIVE SYSTEMS, RETROPERITONEUM AND PERITONEUM
1952	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES, ABDOMEN	20974	SECONDARY NEUROENDOCRINE TUMOR OF PERITONEUM